

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082021\
 Data File : VD070210.D
 Acq On : 20 Aug 2021 18:42
 Operator : VA/SY
 Sample : M3463-15
 Misc : 6.69G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-16-0204

Quant Time: Aug 23 03:55:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

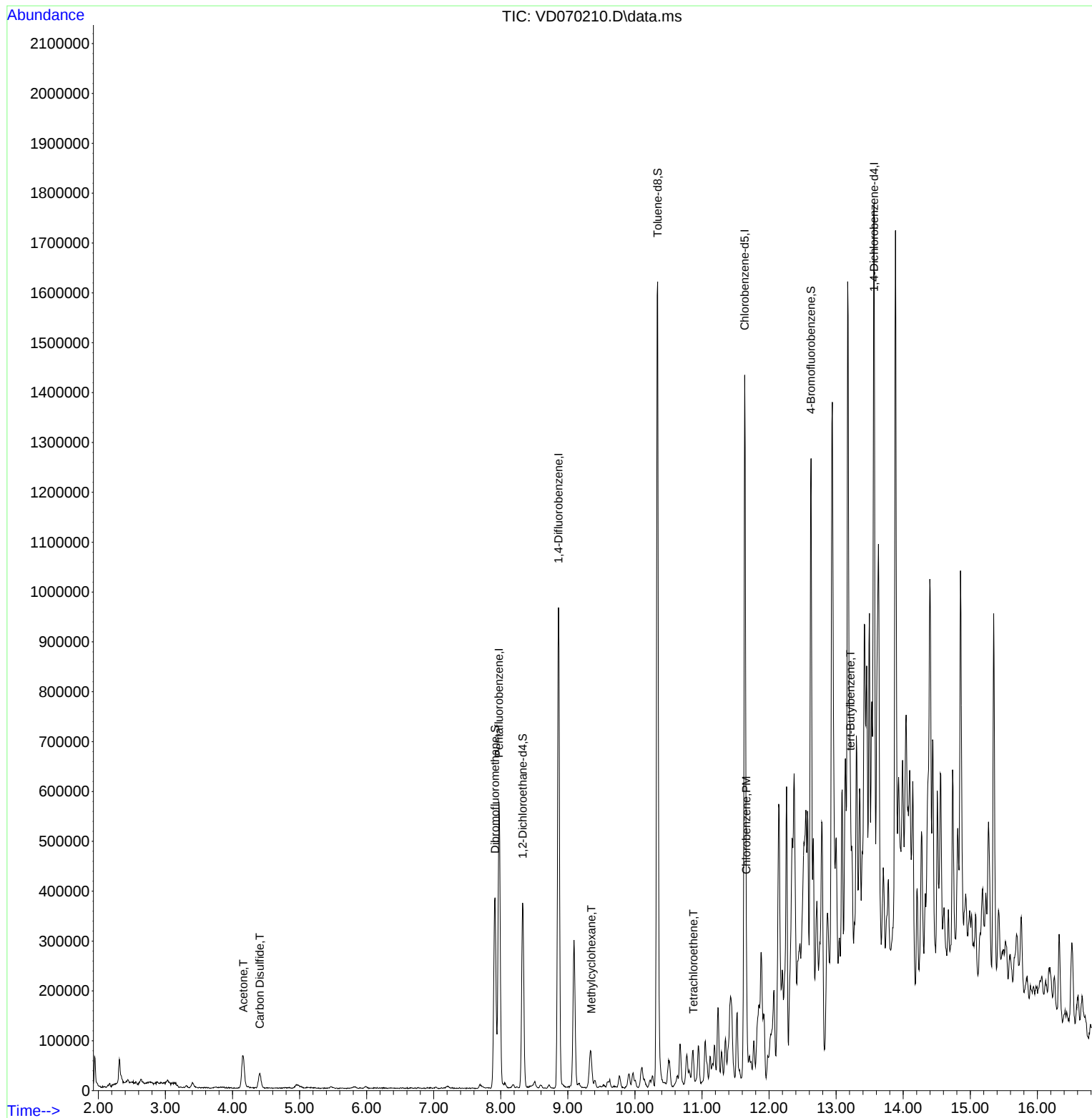
Internal Standards						
1) Pentafluorobenzene	7.973	168	399344	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	833127	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	807374	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	265178	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	293465	62.480	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.960%	
35) Dibromofluoromethane	7.914	113	287447	53.404	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.800%	
50) Toluene-d8	10.338	98	1085995	51.874	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.740%	
62) 4-Bromofluorobenzene	12.626	95	356307	51.673	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.340%	
Target Compounds						
					Qvalue	
16) Acetone	4.162	43	115678	133.693	ug/l	99
17) Carbon Disulfide	4.409	76	62838	3.663	ug/l	96
39) Methylcyclohexane	9.349	83	14715	1.410	ug/l #	36
64) Tetrachloroethene	10.873	164	9190	1.764	ug/l	97
65) Chlorobenzene	11.661	112	59207	3.510	ug/l	98
83) tert-Butylbenzene	13.214	119	14285	1.068	ug/l	92

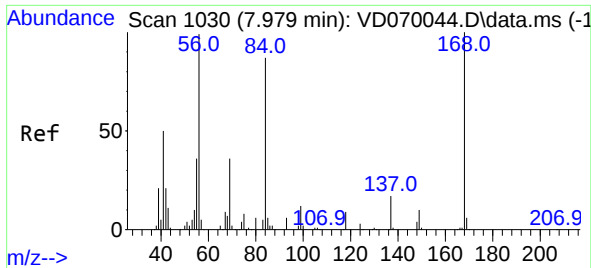
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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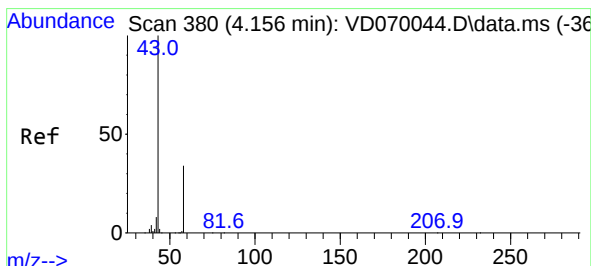
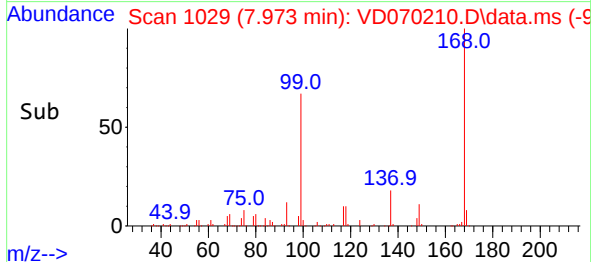
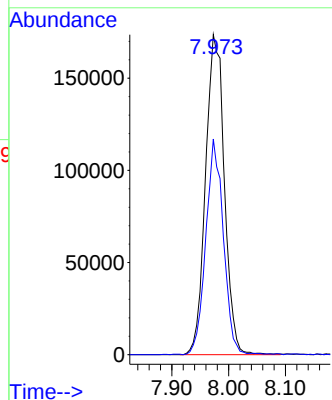
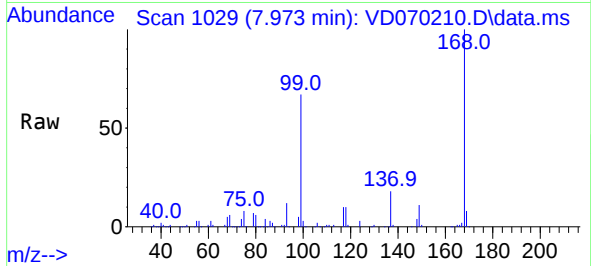




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070210.D
Acq: 20 Aug 2021 18:42

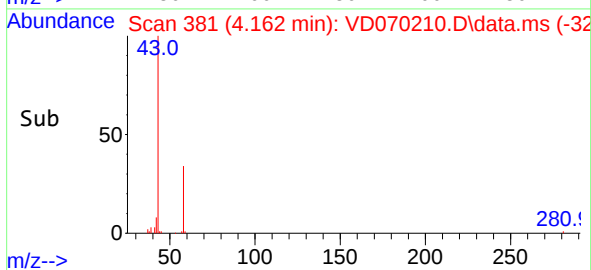
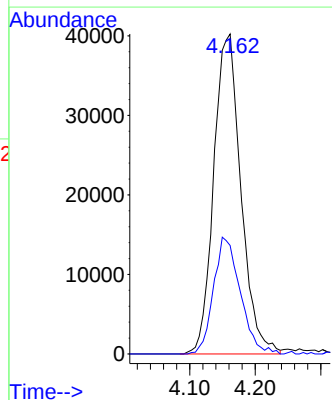
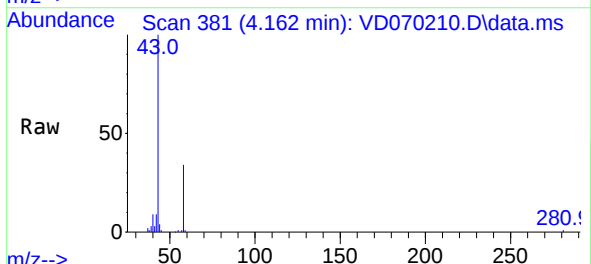
Instrument :
MSVOA_D
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SWCS-16-0204

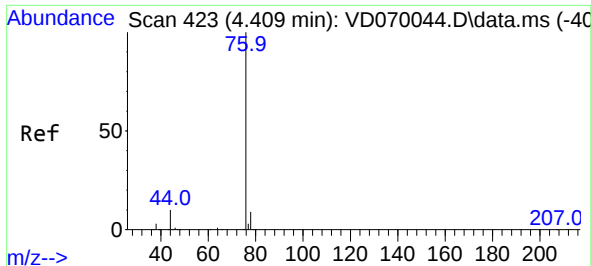
Tgt Ion:168 Resp: 399344
Ion Ratio Lower Upper
168 100
99 67.2 50.3 75.5



#16
Acetone
Concen: 133.693 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070210.D
Acq: 20 Aug 2021 18:42

Tgt Ion: 43 Resp: 115678
Ion Ratio Lower Upper
43 100
58 33.9 26.8 40.2

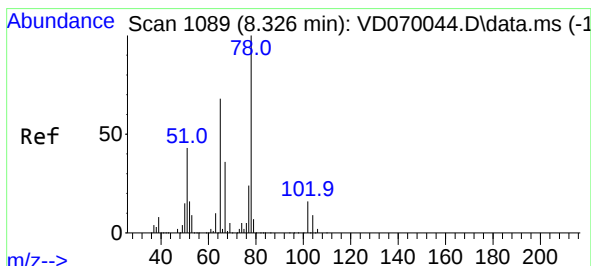
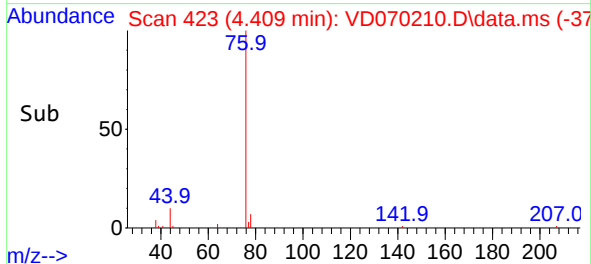
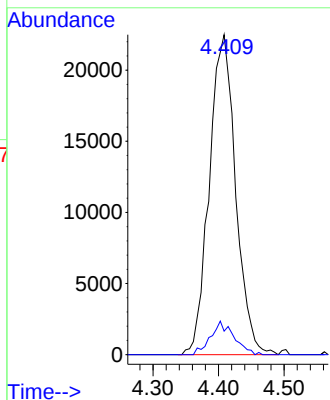
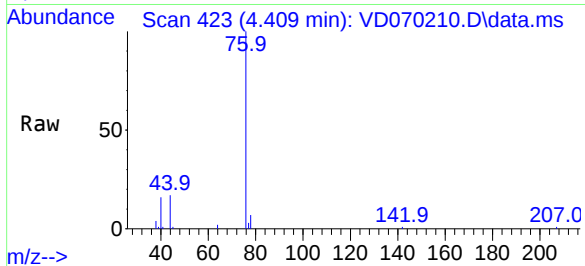




#17
Carbon Disulfide
Concen: 3.663 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD070210.D
Acq: 20 Aug 2021 18:42

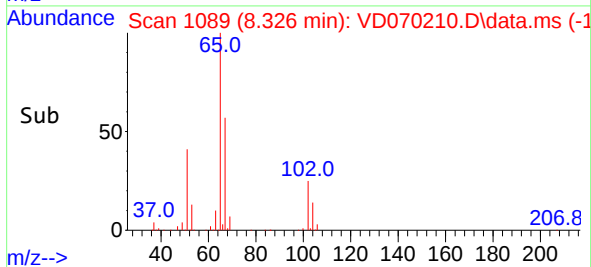
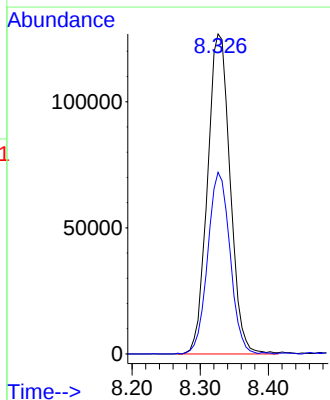
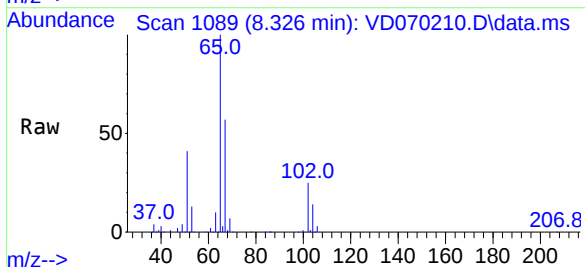
Instrument :
MSVOA_D
ClientSampleId :
SWCS-16-0204

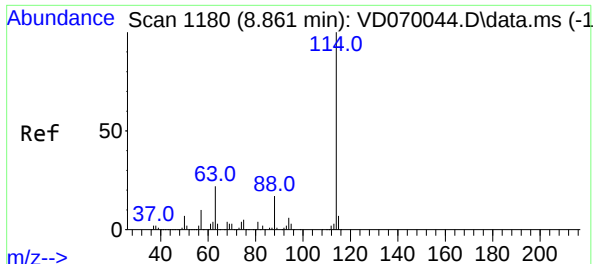
Tgt Ion: 76 Resp: 62838
Ion Ratio Lower Upper
76 100
78 7.3 7.1 10.7



#33
1,2-Dichloroethane-d4
Concen: 62.480 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070210.D
Acq: 20 Aug 2021 18:42

Tgt Ion: 65 Resp: 293465
Ion Ratio Lower Upper
65 100
67 55.8 0.0 107.8



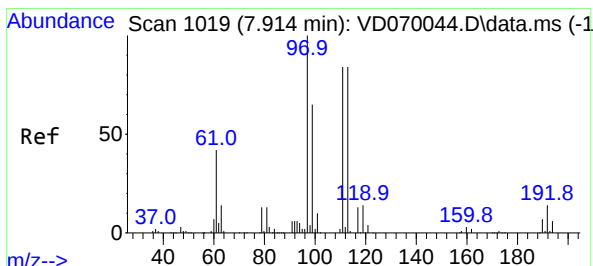
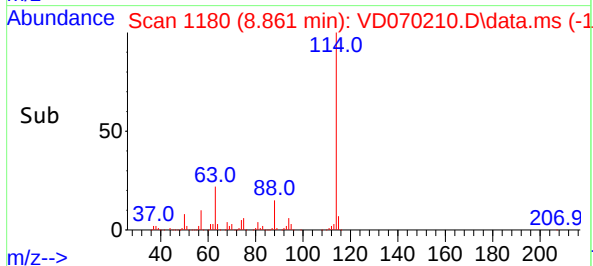
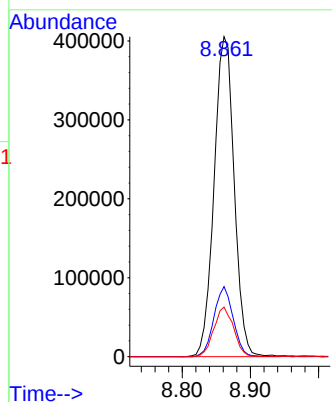
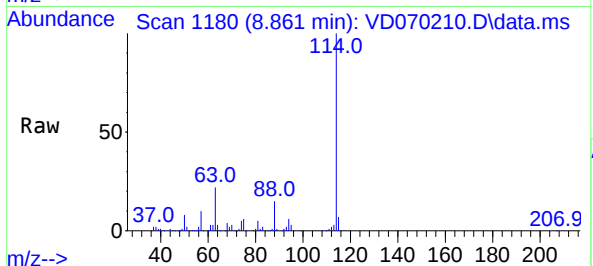


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070210.D
Acq: 20 Aug 2021 18:42

Instrument :
MSVOA_D
ClientSampleId :
SWCS-16-0204

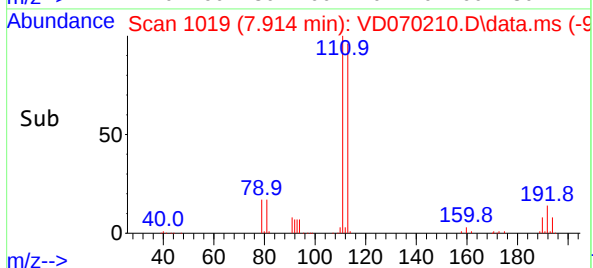
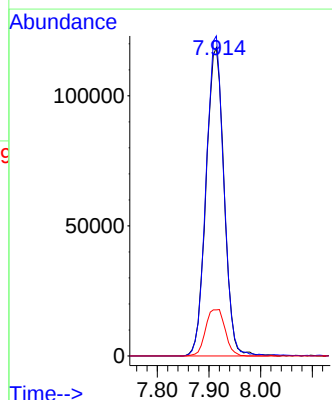
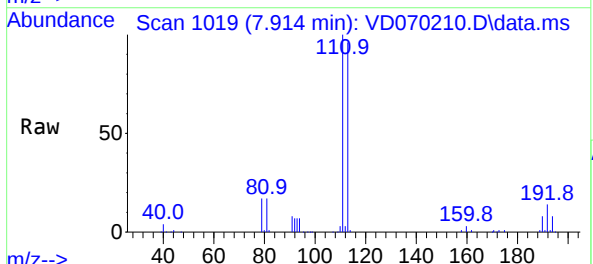
Tgt Ion:	114	Resp:	833127
Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	43.6
88	15.5	0.0	33.4

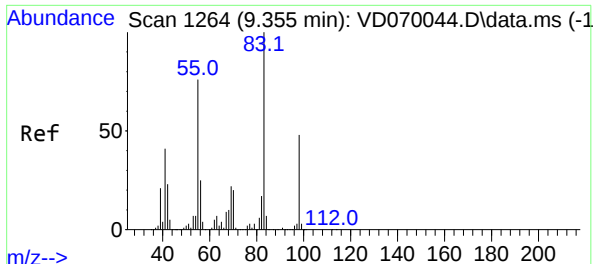


#35

Dibromofluoromethane
Concen: 53.404 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070210.D
Acq: 20 Aug 2021 18:42

Tgt Ion:	113	Resp:	287447
Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.8	122.6
192	16.3	13.2	19.8

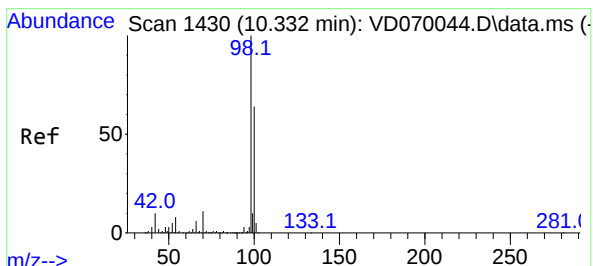
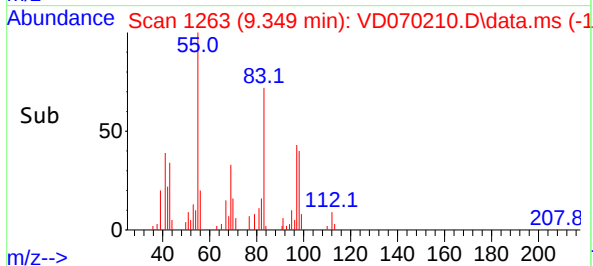
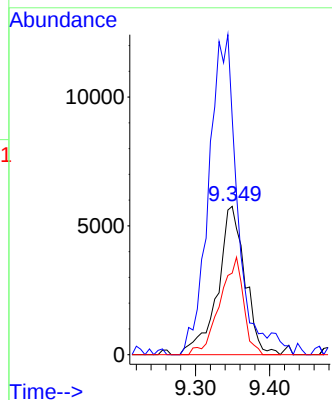
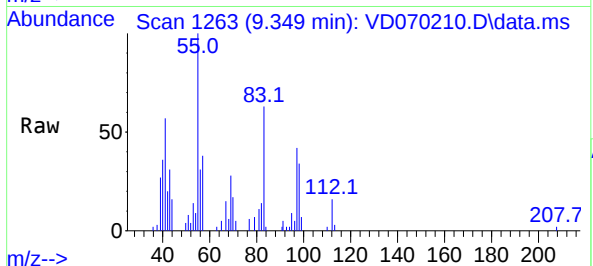




#39
Methylcyclohexane
Concen: 1.410 ug/l
RT: 9.349 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VD070210.D
Acq: 20 Aug 2021 18:42

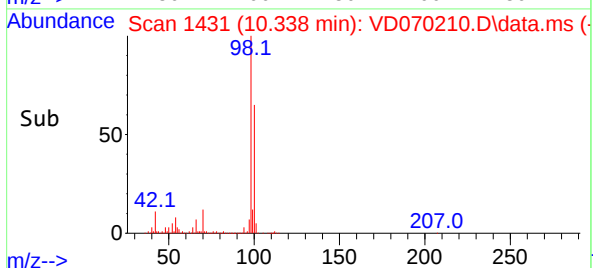
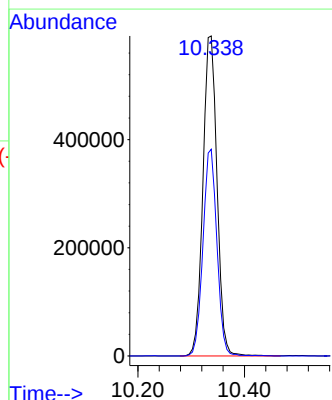
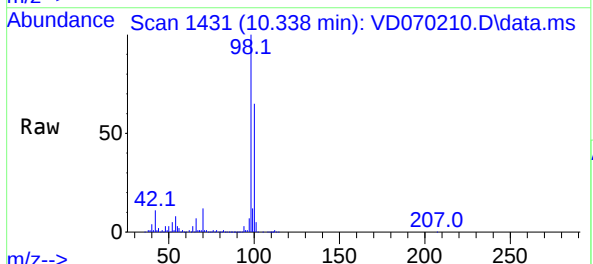
Instrument :
MSVOA_D
ClientSampleId :
SWCS-16-0204

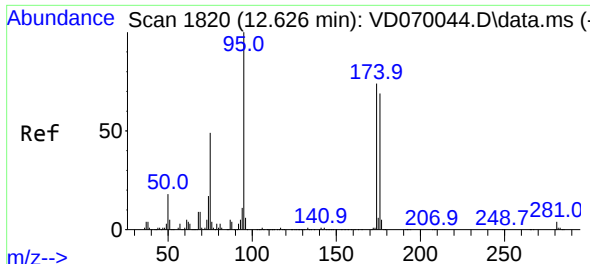
Tgt Ion: 83 Resp: 14715
Ion Ratio Lower Upper
83 100
55 159.8 60.7 91.1#
98 55.0 38.6 58.0



#50
Toluene-d8
Concen: 51.874 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070210.D
Acq: 20 Aug 2021 18:42

Tgt Ion: 98 Resp: 1085995
Ion Ratio Lower Upper
98 100
100 64.0 52.6 78.8

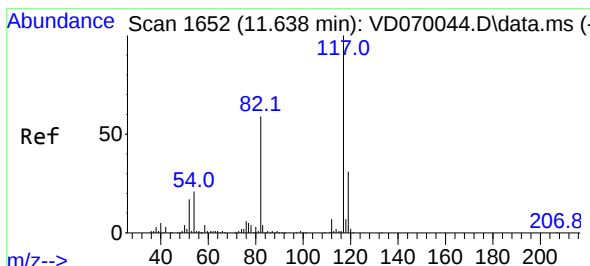
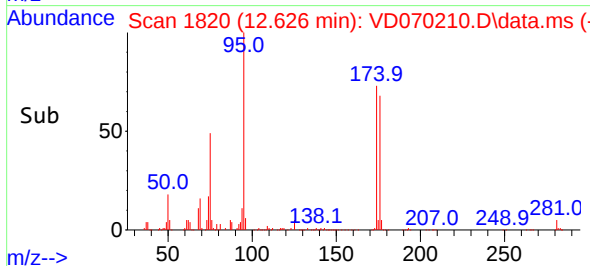
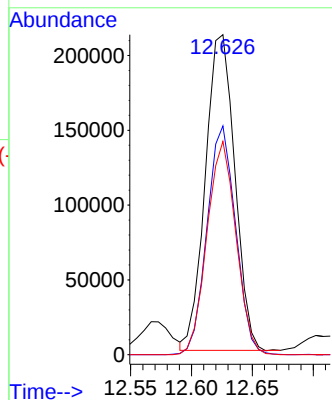
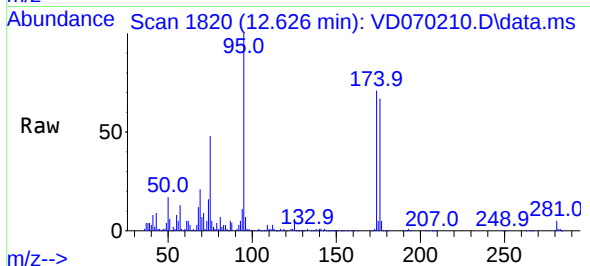




#62
4-Bromofluorobenzene
Concen: 51.673 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070210.D
Acq: 20 Aug 2021 18:42

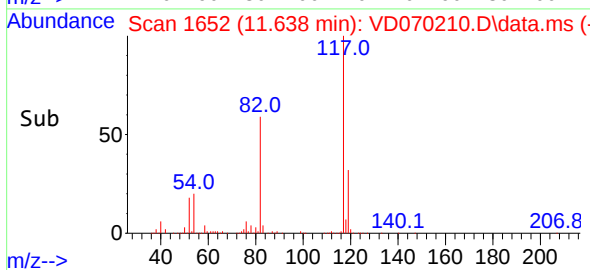
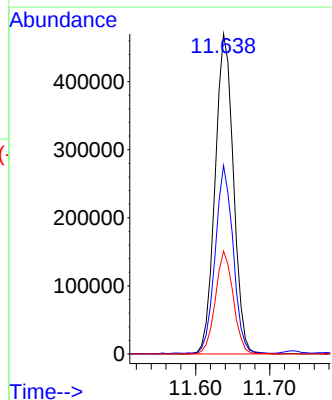
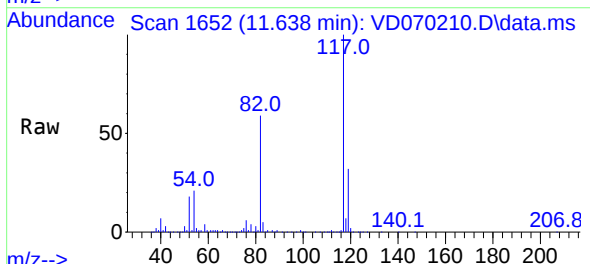
Instrument :
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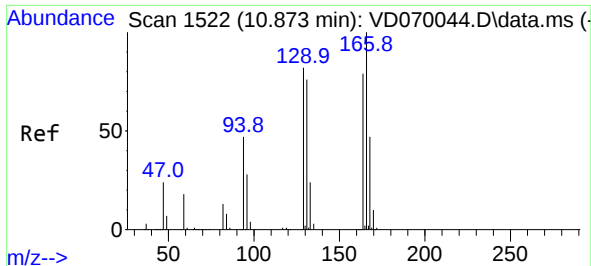
Tgt Ion: 95 Resp: 356307
Ion Ratio Lower Upper
95 100
174 70.3 0.0 141.6
176 66.3 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070210.D
Acq: 20 Aug 2021 18:42

Tgt Ion: 117 Resp: 807374
Ion Ratio Lower Upper
117 100
82 58.7 47.5 71.3
119 32.2 25.1 37.7

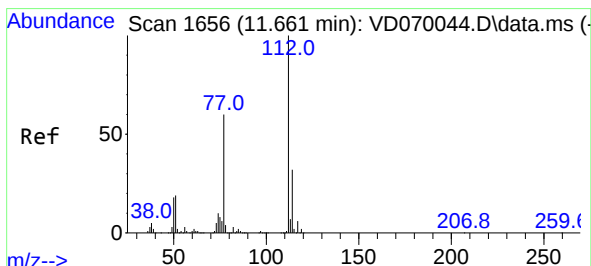
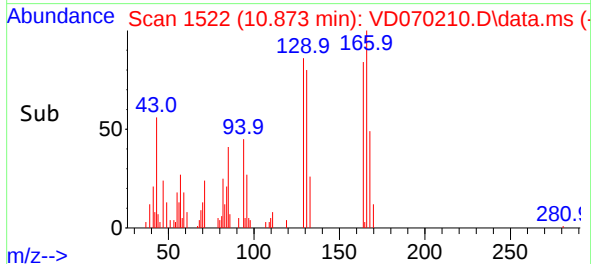
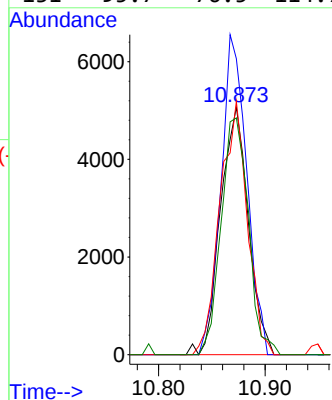
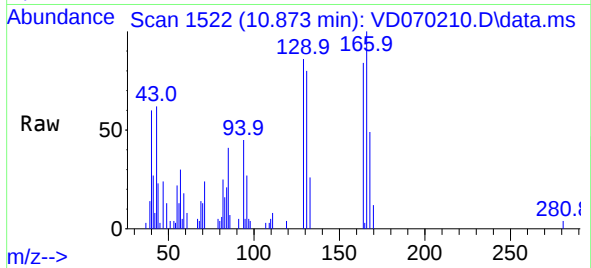




#64
Tetrachloroethene
Concen: 1.764 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VD070210.D
Acq: 20 Aug 2021 18:42

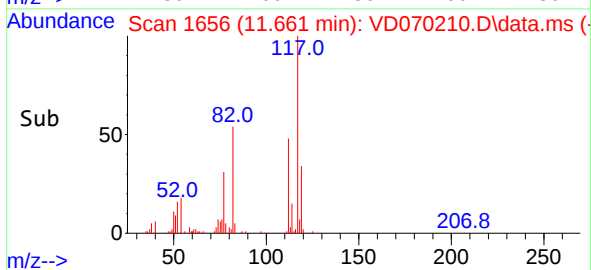
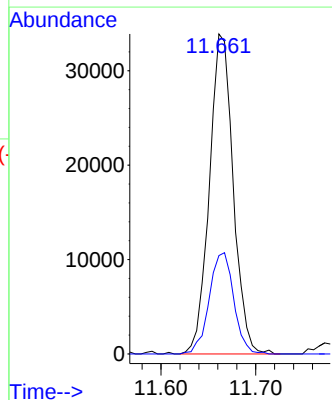
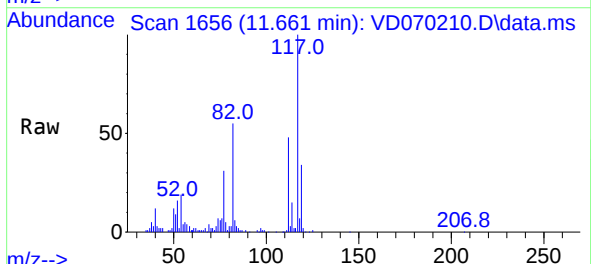
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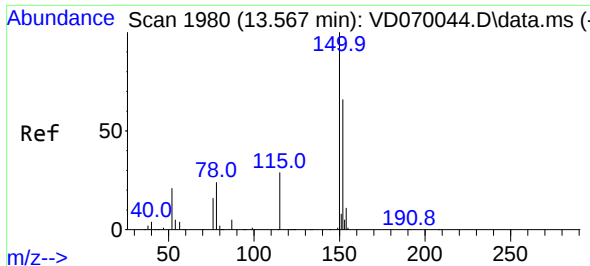
Tgt Ion:	164	Resp:	9190
Ion	Ratio	Lower	Upper
164	100		
166	119.6	101.3	151.9
129	102.4	82.9	124.3
131	95.7	76.5	114.7



#65
Chlorobenzene
Concen: 3.510 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VD070210.D
Acq: 20 Aug 2021 18:42

Tgt Ion:	112	Resp:	59207
Ion	Ratio	Lower	Upper
112	100		
114	30.8	25.5	38.3

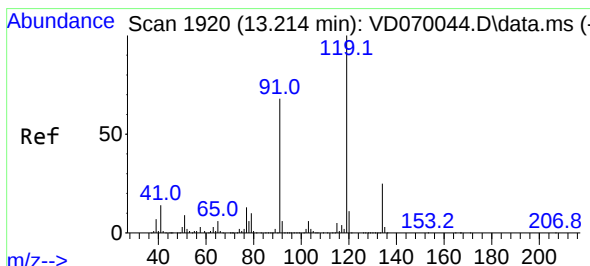
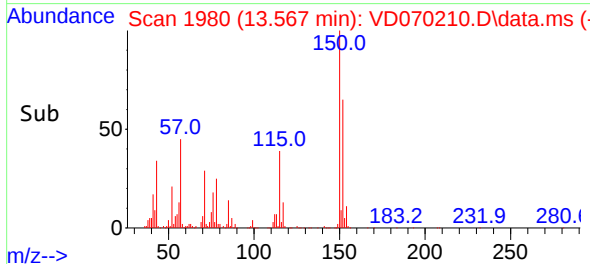
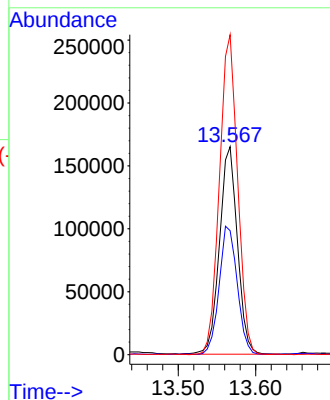
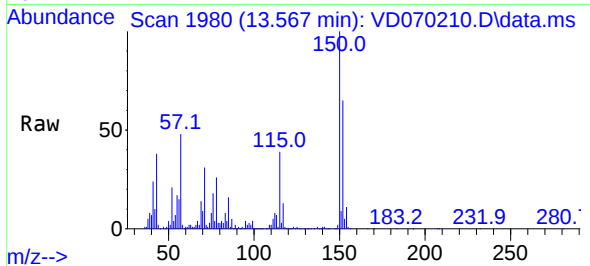




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070210.D
Acq: 20 Aug 2021 18:42

Instrument :
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Tgt Ion:152 Resp: 265178
Ion Ratio Lower Upper
152 100
115 62.3 31.2 93.6
150 156.2 0.0 352.0



#83
tert-Butylbenzene
Concen: 1.068 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. -0.000 min
Lab File: VD070210.D
Acq: 20 Aug 2021 18:42

Tgt Ion:119 Resp: 14285
Ion Ratio Lower Upper
119 100
91 60.3 34.0 101.8
134 24.9 13.2 39.6

